

ADLAKE WINDOWS

of

ALUMINUM
and BRONZE



for the
BUILDING
INDUSTRY

The ADAMS & WESTLAKE COMPANY.

General Offices and Factories Elkhart, Indiana, U.S.A.

REPRESENTATIVES IN PRINCIPAL CITIES.

Adlake

The ADAMS & WESTLAKE CO.
ELKHART, INDIANA.

15-1



PRESENTING:

AN ADLAKE product of Engineering Research to meet the present day demand for double-hung windows of universal adaptability to all types of construction.

SIMPLICITY in design to meet contemporary trends in building.

DURABILITY of materials with no loss of architectural merit. an achievement possible only thru the medium of enduring metals.

EFFICIENCY combined with ECONOMY afford new opportunities for Architect, Builder, and Owner.

DESIGNED for the modern trend in building construction.

VIEW OF SERIES 42 WINDOW.



The NEW ALUMINUM and BRONZE SERIES 42 and 60 DOUBLE HUNG WINDOWS for the BUILDING INDUSTRY.

We, the largest producers of bronze, aluminum, and stainless steel windows for common carriers, present to the building industry two new windows. We believe that these windows possess not only architectural merit but unprecedented qualities of efficiency and economy.

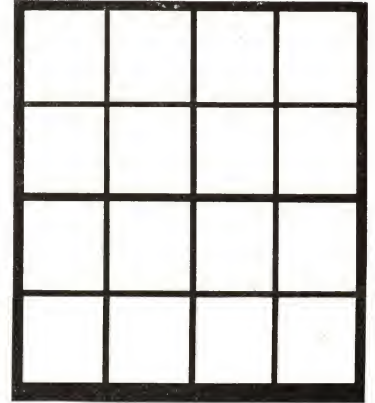
The success of our business has been founded on the principle of conservative progress. For over eighty years we have met the demands of the ever-changing industries which we have served.

From time to time, as progress demands, we will add to and change our designs. We trust that the products shown in this catalogue will be considered favorably. We hope that we shall continue to receive the constructive criticism which in the past has been courteously given to us by other industries. We will always endeavor to design and build that which we believe to be best suited to the purpose intended.

The ADAMS & WESTLAKE CO.

Wilson A. Smith

Wilson A. Smith
President.



ADLAKE DOUBLE ALUMINUM WINDOWS



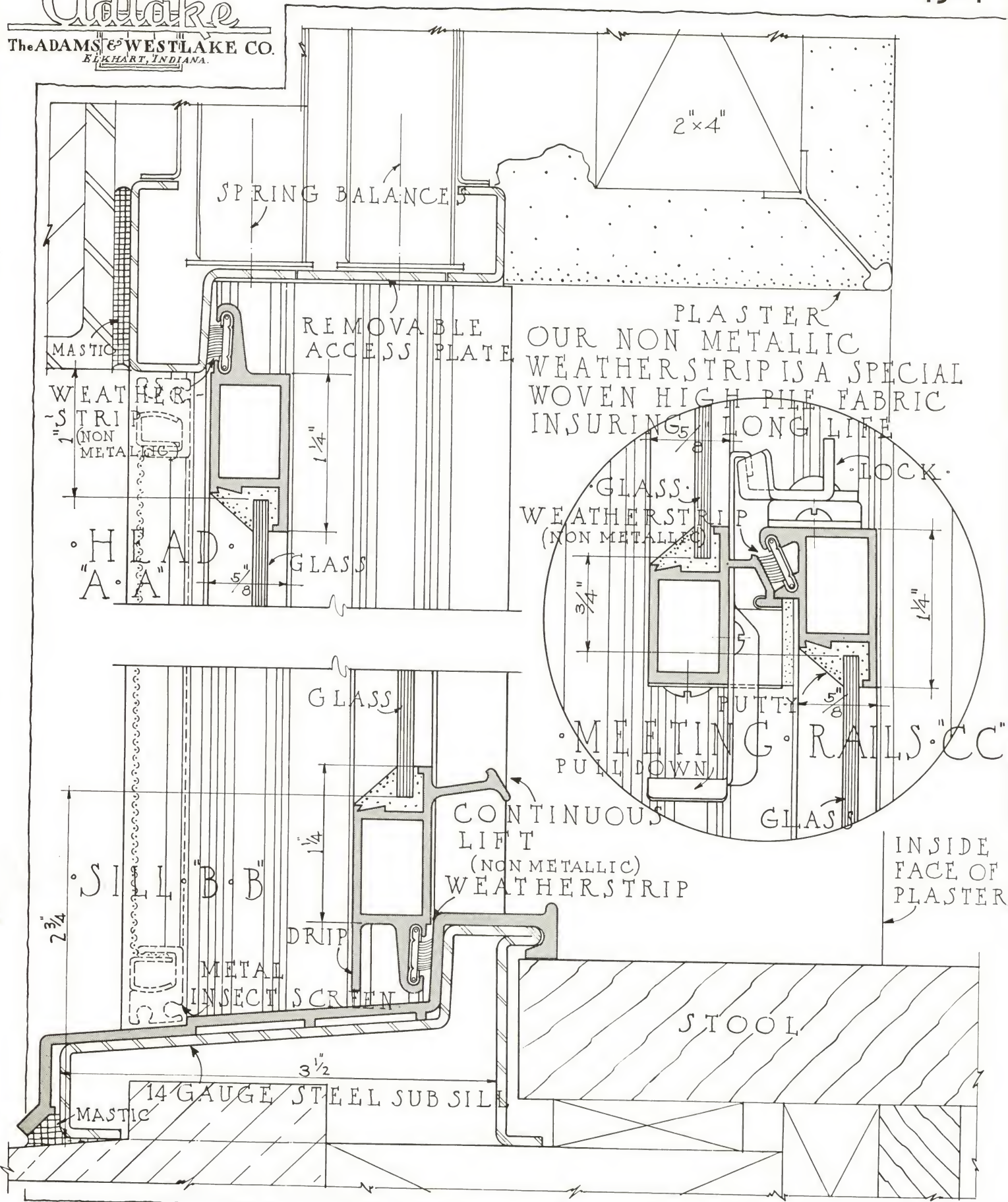
ADLAKE STAINLESS STEEL WINDOWS



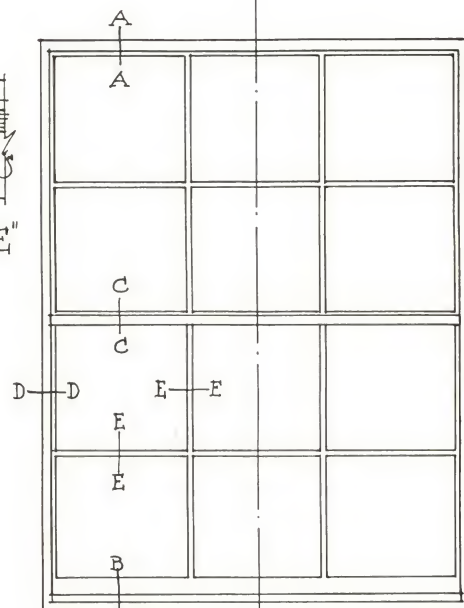
ADLAKE CHROME PLATED WINDOWS



ADLAKE BRONZE WINDOWS



SERIES 42 DOUBLE HUNG



• J A M B • "D • D"

14 GAUGE
STEEL
SUB JAMB

BRICK

SASH STILES
USED ON
WINDOWS
OVER 5'-6" HIGH

MASTIC

$$13\frac{1}{4}$$

SPECIFICATIONS

NOTE: For public projects refer to home office.

GENERAL: All windows shall be of the type and kind indicated on the plans and as called for in these specifications, and shall be constructed of materials as hereinafter specified.

SCOPE OF THE WORK: This contractor shall include in his work the furnishing of all (Specify Type) double-hung windows required for the building, with all necessary hardware, anchors, and miscellaneous equipment as hereinafter specified for these windows. All sub-frames shall be furnished and delivered to the site, to be built in by others. All aluminum or bronze facia members shall be shipped with protective crating to insure satisfactory delivery. *Glass, glazing, putty, field painting, and caulking are not included as a part of this specification.* All field work is to be done by others.

MATERIALS: All materials used in the manufacture of these windows shall be the best suitable for the purpose intended. These materials shall meet Federal specifications for their respective kinds where Federal specifications have been written regarding materials applicable to windows of these sizes, types, and design.

CONSTRUCTION: Sub-frames: Head, sill and jamb members shall be steel, formed to the profile shown in the drawings and shall be accurately coped or mitred at abutting intersections and shall be welded. These sub-frames shall be primed at the factory and coated with bitumastic paint where covered by aluminum facia members. Sub-frames are to be built in by others.

FACIA MEMBERS: All head, sill, and jamb facia members shall be aluminum (or bronze)* machined at the factory to insure a neat installation when applied in the field. All members shall be the manufacturer's standard as indicated on the drawings.

SASH MEMBERS: Rails, stiles, and muntins shall be aluminum (or bronze)* and shall be the manufacturer's standard as indicated on the drawings. All prepared for outside putty glazing. (Bead glazing furnished on Type 60 when specified.) These sash shall be shipped to the job and glazed by others before being installed. All hollow rails and stiles shall have sufficient strength to insure satisfactory members for their respective uses. All sash shall be securely joined. Muntin joints shall be interlocked with flush joints and in the same plane as the sash rails and stiles.

WEATHERSTRIPPING: Non-metallic jamb weatherstrip shall be secured to the upper and lower sash rails. This weatherstrip shall be a special tightly woven fabric with a high pile, woven on a firm, tough backing. This in turn shall be formed around a non-ferrous metal channel, the edges of which shall securely hold the fabric to insure its long wear. The non-metallic weatherstrip used at the head, meeting rails, and sill shall be fabricated of the same type of material bound in a flat type retainer which shall be inserted in the grooves in the sash rails.

WEATHERSTRIPPING TESTS: Windows from regular production shall be subject to infiltration tests before or after shipment. The weatherstrip shall be guaranteed to stand Federal Air Infiltration Test standards after the window has been opened and closed mechanically *one hundred thousand times*.

HARDWARE: Sash shall be hung on removable type balances. These balances shall be provided with connecting links which will provide secure attachment to sash. (For Type 42 and 42A, a continuous sash lift shall be formed as an integral part of the lower sash bottom rail.) Stainless steel sash locks are to be furnished attached to the upper rail of the lower sash and shall securely lock the window in a closed position.

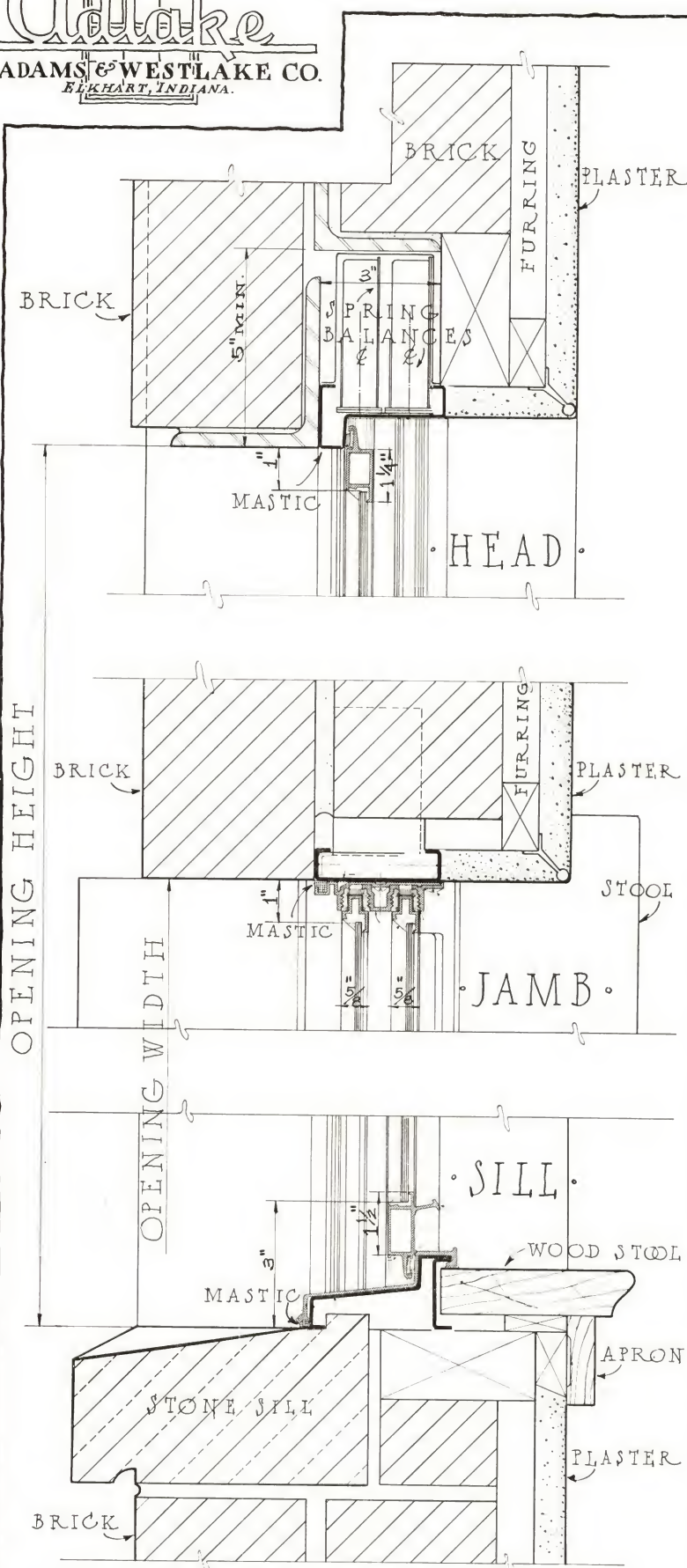
FINISH: All aluminum shall be wheel cleaned before assembly to bring the color of the finished surfaces reasonably uniform and free from scratches and other serious surface blemishes.

GLAZING PROVISION: All sash shall be prepared for putty glazing. Spring wire clips shall be furnished by the window manufacturer. Glass, glazing, and putty to be furnished by others.

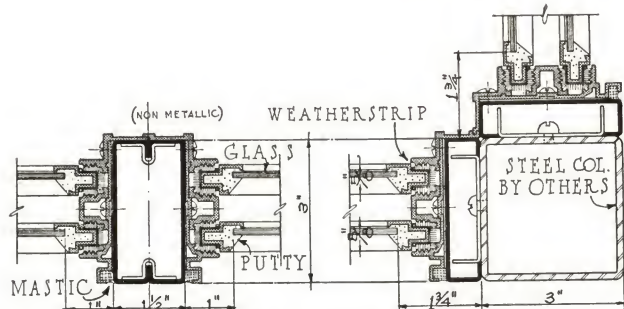
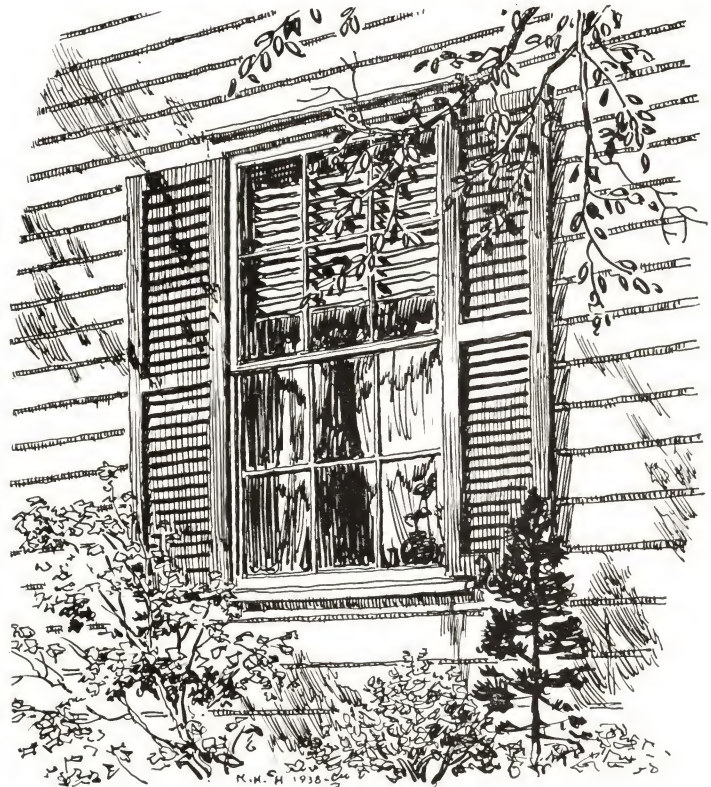
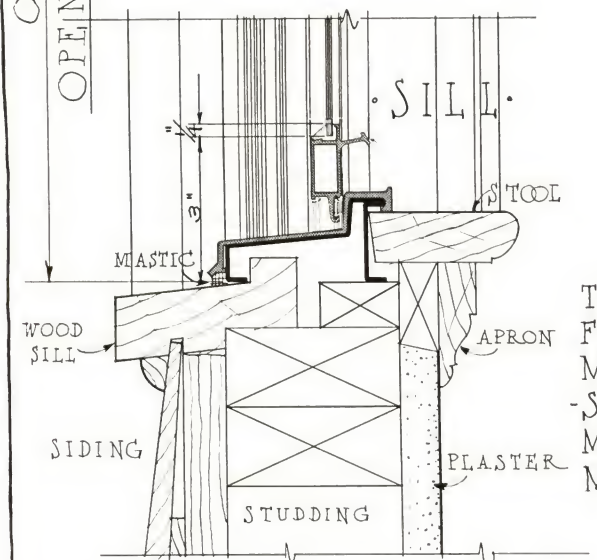
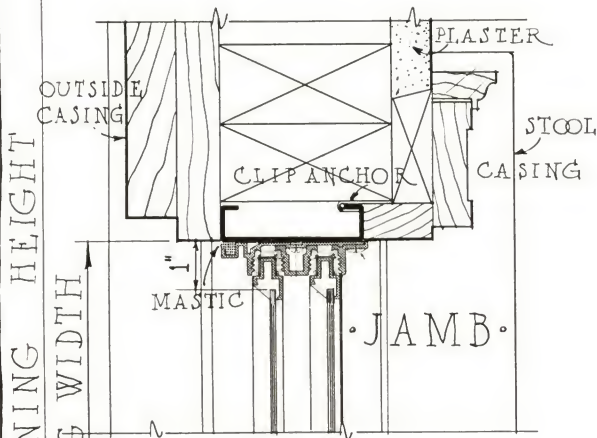
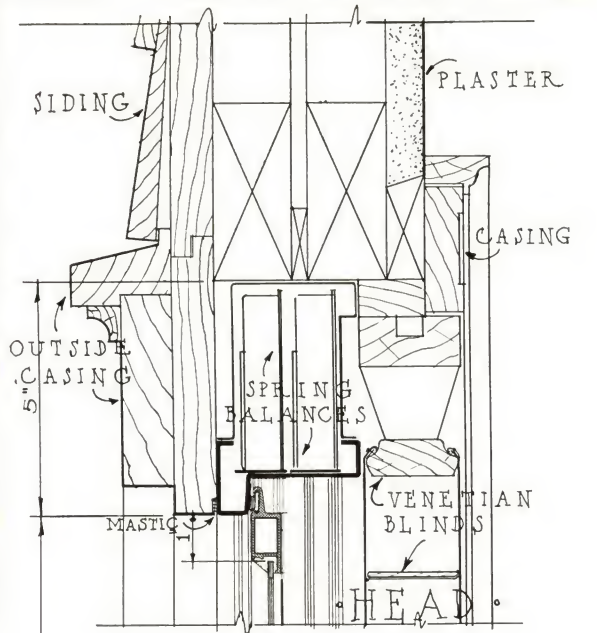
SCREENS shall be half sliding (or full)* and shall be furnished complete with aluminum (bronze, or steel)* frames, to be wired with aluminum (or bronze)* wire cloth. All attaching hardware shall be furnished.

STORM SASH: The window manufacturer shall furnish aluminum frames for storm sash for all windows which are indicated to be equipped with storm sash. The corners of these frames shall be joined and screwed together and shall allow easy glazing with rubber splines. These frames shall have one horizontal muntin in all cases where the glass height exceeds 3' 6". Glazing of storm sash is to be by others unless otherwise specified.

* State which.

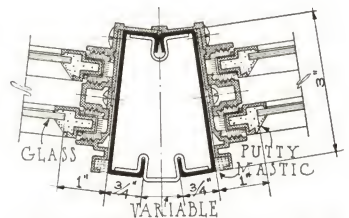


• SERIES 42 • SET IN • SOLID •
• MASONRY • WALL SCALE 3"
EQUAL 1'-0"



SERIES 42 MULLION & CORNER DETAILS.

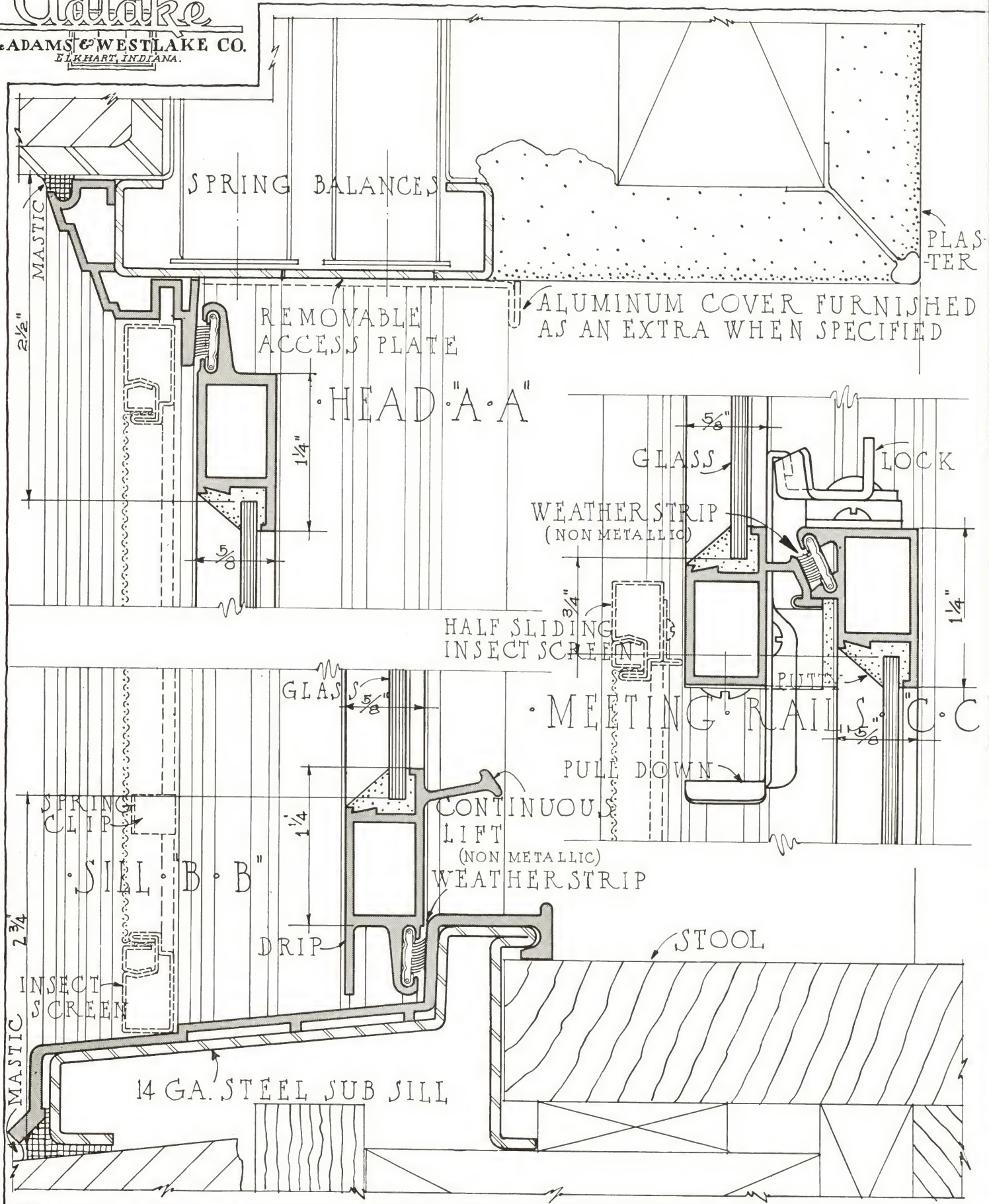
NOTE: ADD 1 1/2" TO WINDOW SIZE FOR STANDARD MULLION DIMENSIONS. CORNER MULLIONS and SPLAYED MULLIONS ARE VARIABLE.



SERIES 42 SET IN FRAME WALLS.

SCALE 3 INCHES
EQUAL 1 FOOT.

FULL SIZE MULLION DETAILS
FURNISHED ON REQUEST



SERIES S-42A DOUBLE HUNG

FULL · SIZE · DETAILS of "BUILTIN" · SERIES · 42 · A · FOR · WINDOWS · UP · TO · 42" · WIDE ·

NOTE:

FULL SCREENS ARE FURNISHED WITH EXTRUDED
OR TUBULAR FRAMES. HALF SCREENS
ARE TUBULAR FRAMES, VERTICAL SLIDING
FOR CLEANING OF SASH

PLASTER

INSIDE STOP
WEATHER STRIP
(NON METALLIC)

PUTTY

PARTING STOP

GLASS

CONT. FIN
ANCHOR

SPRING

MASTIC

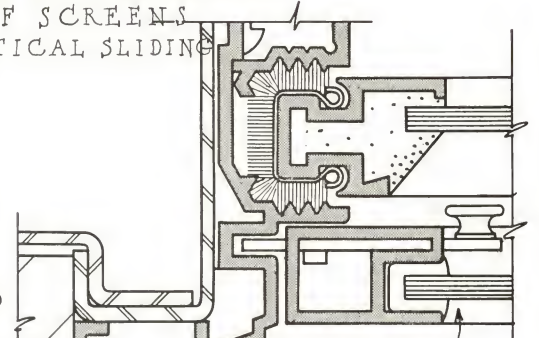
INSECT SCREEN
ALUMINUM · BRONZE · OR
PAINTED STEEL

1 3/4"

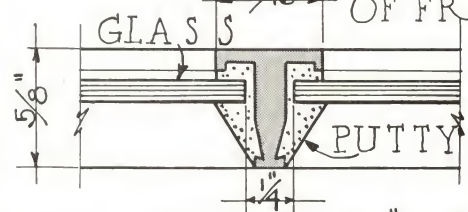
JAMB · "D · D" ·

BRICK

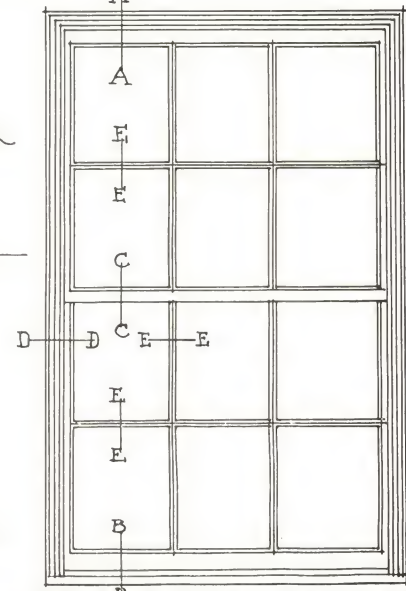
OUR NON METALLIC
WEATHERSTRIP IS A SPECIAL
WOVEN HIGH PILE FABRIC
INSURING LONG LIFE



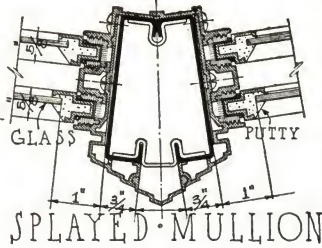
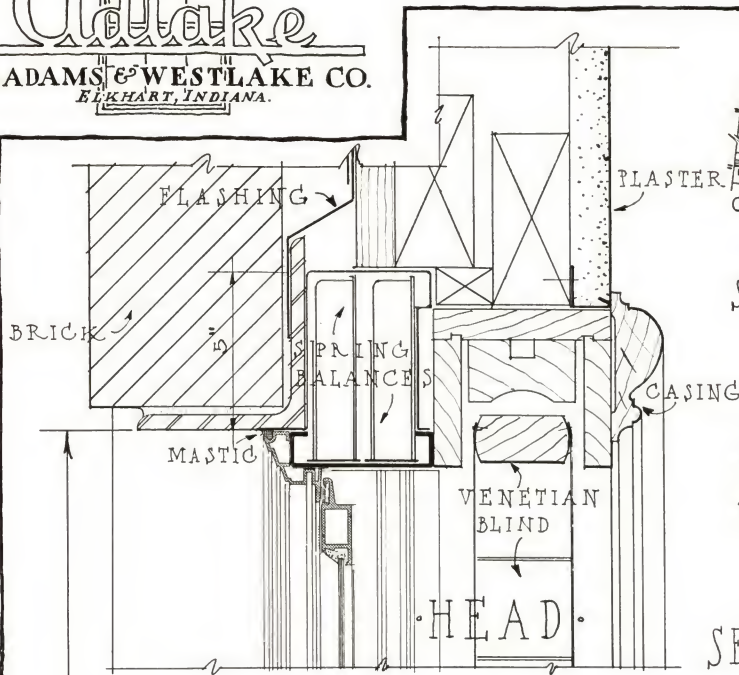
STORM
SASH ARE FURNISHED ONLY WHEN
SPECIFIED AND ARE
APPLIED TO OUTSIDE
OF FRAME



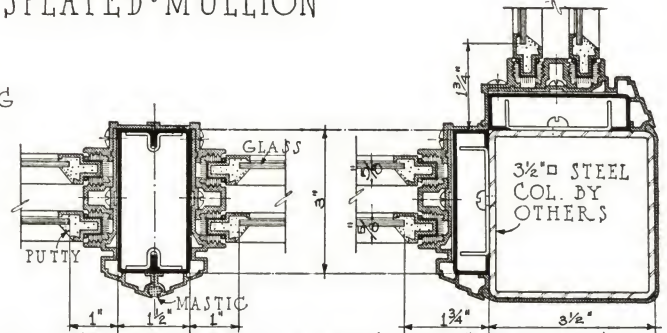
CATCH MUNTIN · "E · E" ·



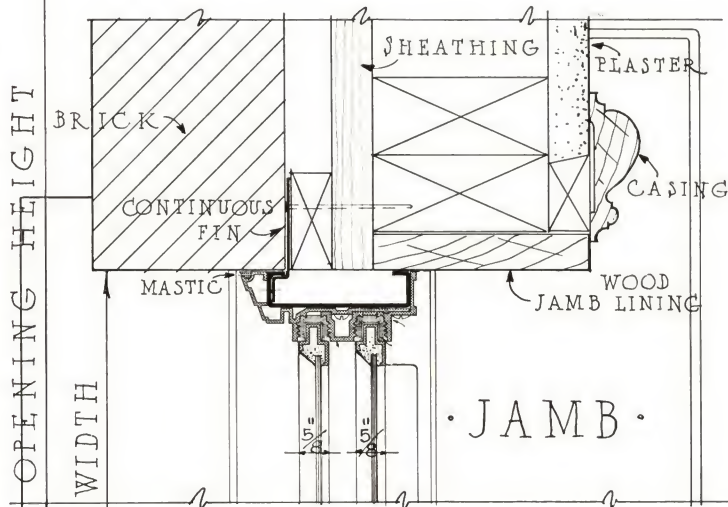
EXTERIOR · ELEVATION
SCALE 3/4" EQUALS 1' · 0"



FULL SIZE
MULLION
DETAILS
FURNISHED
ON REQUEST



SERIES 42A MULLION & CORNER



IN the search for efficiency plus economy, architectural merit has not been sacrificed. Sturdy construction and the enduring qualities of aluminum and bronze meet every requirement for strength; yet slender meeting rails and unobtrusive head, sill, and jamb members make artistic appeal to the modern architect.

BUILT-IN subframes insure BUILT-IN efficiency and economy. The rigidly braced, all welded, steel subframe simplifies setting into masonry or wood construction. The sash clearances have been predetermined. Neither planing nor fitting is necessary. All fastening holes are provided and the sash are weatherstripped at the factory.

Glazing can be done before sash are hung in place. A screw driver is the only tool required for complete installation. The non-metallic weatherstripping is shipped attached to the sash. This specially woven fabric of selected wool, woven in high pile, insures long life.

Our research and tests show that these windows can be opened and closed 200,000 times and yet no appreciable wear on the weatherstrip.

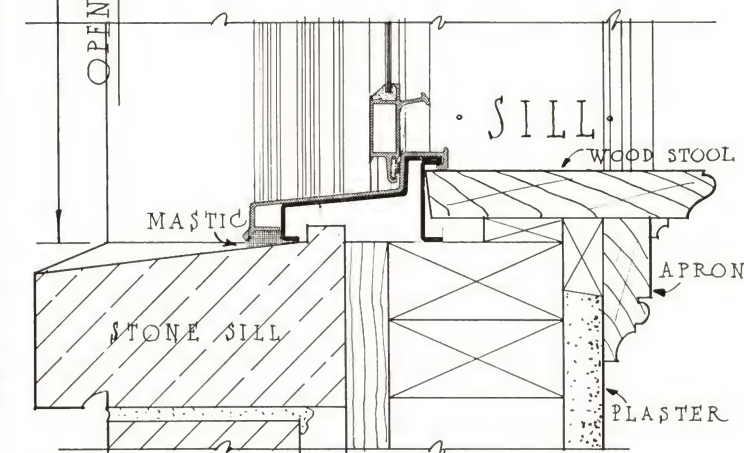
In buildings where double-hung windows might be employed, the use of Adlake Bronze or Aluminum windows will INSURE beauty, convenience, and durability.

The Series 42, for windows up to 42" wide, is recommended for residences, apartment houses, and hotels.

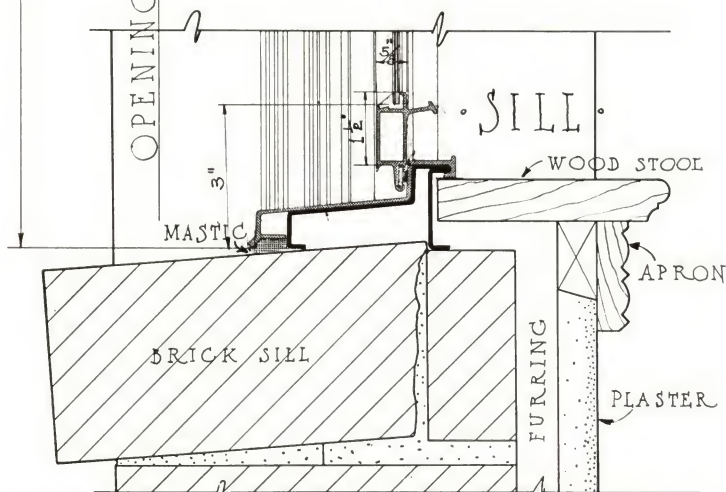
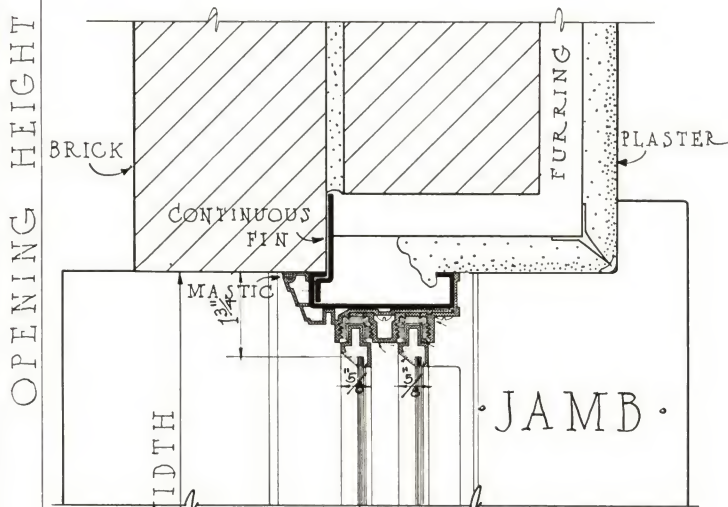
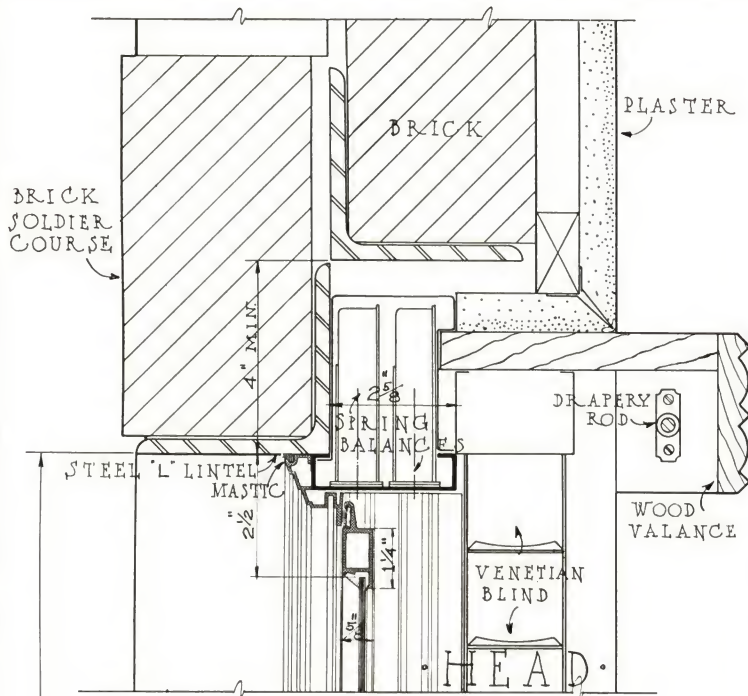
The Series 60, for windows up to 60" wide, is recommended for schools, offices, and other types of public buildings.

These two new windows are produced in the shops of the ADAMS & WESTLAKE COMPANY by fine craftsmen who have at their disposal the latest and best equipment obtainable.

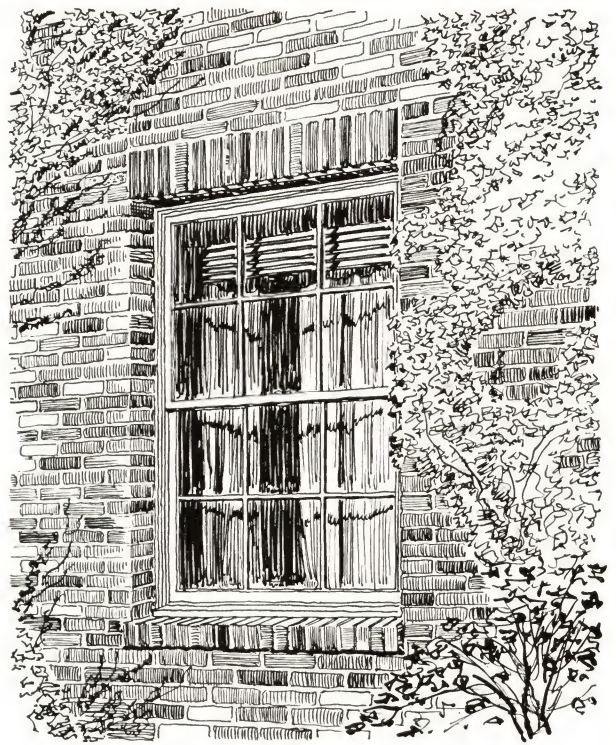
To the architect, builder, and owner, who necessarily think in terms of the life of a building, the foregoing facts all combine to mean permanence. The new Adlake double-hung window offers BUILT-IN PERMANENCE, which is ultimately, BUILT-IN ECONOMY.



SERIES 42A SET IN
BRICK VENEER WALL
SCALE THREE INCHES EQUAL ONE FOOT.



• SERIES 42A • SET IN • SOLID • MASONRY • WALL •
SCALE • THREE INCHES EQUAL ONE FOOT •



ADLAKE WINDOWS are *patented* and offer exclusive features found in no other window.

NON-METALLIC WEATHERSTRIP, insuring dust proof, smooth operating windows.

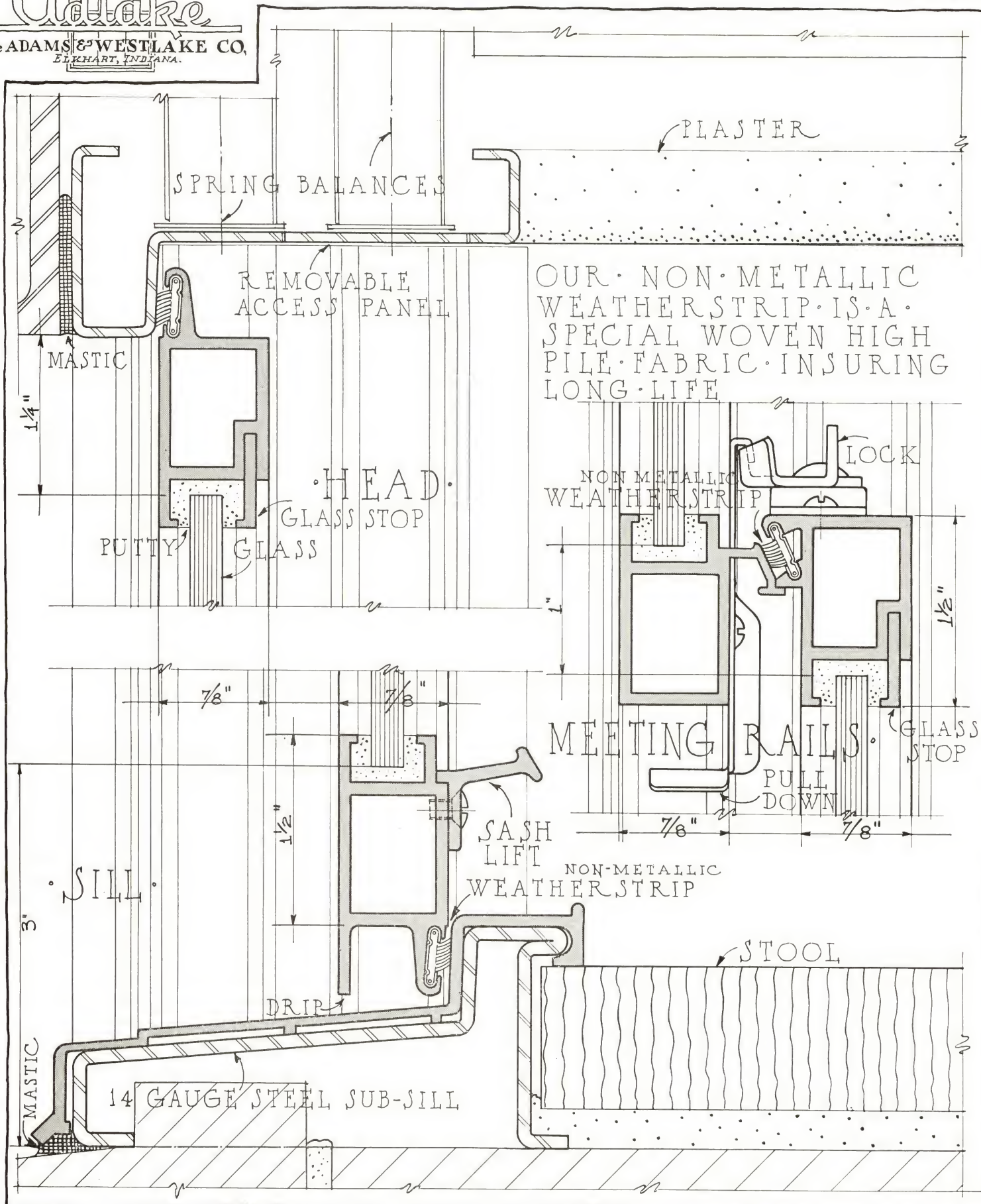
BULTIN SUBFRAMES, insuring built-in economy, providing for installation of aluminum or bronze after the rough work has been completed.

TRIM MOULDINGS, combining economy with architectural merit, available to meet the requirements of modern and classical designs.

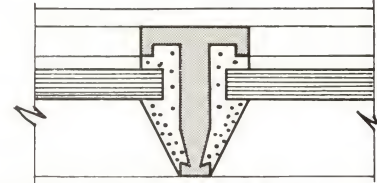
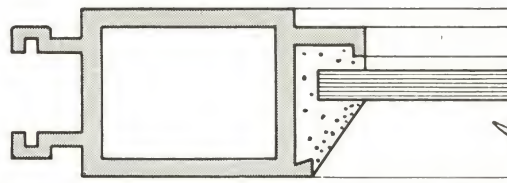
PLASTER GROUNDS to establish true openings.

UNIVERSAL ADAPTABILITY to all types of construction, yet providing the maximum glass area within the window opening.

GRACEFUL LINES, together with slender mullions, achieve beauty and enhance the value of good design.

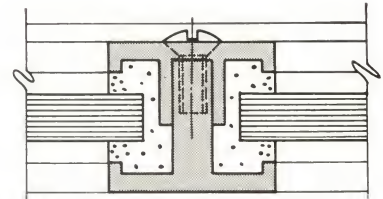


FULL·SIZE·DETAILS·of·SERIES·60 FOR·WINDOWS·UP·TO·60" WIDE·



HOLLOW STILES CAN BE FURNISHED PUTTY GLAZED
OR WITH GLASS STOPS "MUNTIN"

(NON-METALLIC)
WEATHER STRIP
GLASS STOP



MUNTIN WITH
GLASS·STOP

GLASS STOP

14 GAUGE
STEEL SUB-
FRAMES ON ALL
TYPE 60 and 60-A
WINDOWS.

ANCHOR

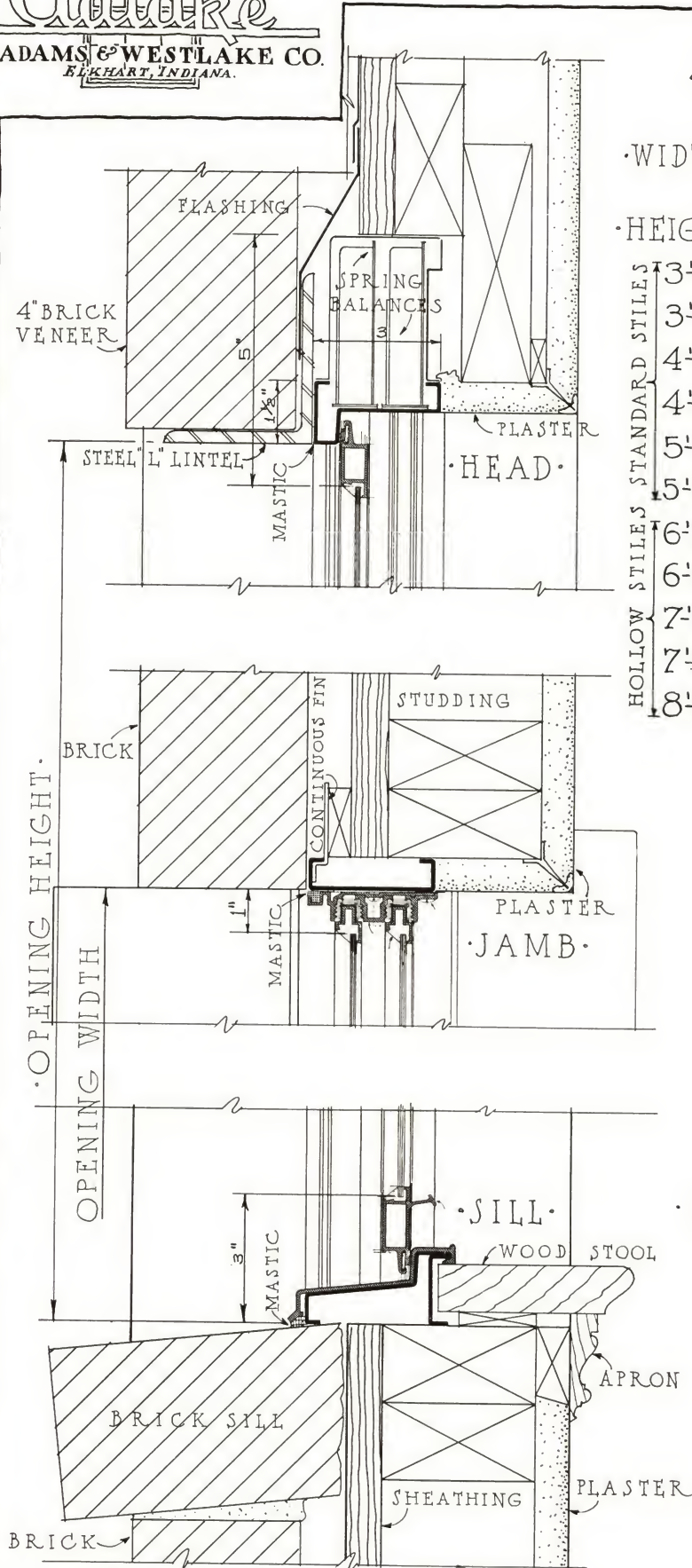
MASTIC

JAMB.

BRICK

TYPE·60A·JAMB,
SHOWING·STANDARD
BRICK·MOULD.

SPECIAL MOULDS CAN
BE FURNISHED



• TYPES AND SIZES •

SERIES 42 ADD 1 1/2\"

• WIDTHS • 2'-0\" 2'-6\" 3'-0\" 3'-6\" 4'-0\" 4'-6\" 5'-0\"

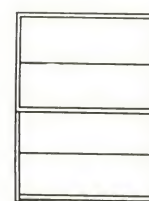
SERIES 60

• HEIGHTS •

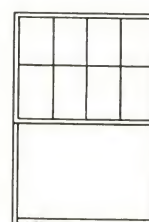
STANDARD STILES
3'-0\"
3'-6\"
4'-0\"
4'-6\"
5'-0\"
5'-6\"
HOLLOW STILES
6'-0\"
6'-6\"
7'-0\"
7'-6\"
8'-0\"



TYPICAL



MUNTIN



ARRANGEMENT

• SPECIALS • CUSTOM BUILT •
SHAPED HEADS and TRIPLE HUNG



• SERIES 42 SET IN BRICK •
• VENEER WALL • SCALE 3 INCHES
EQUAL 1 FOOT

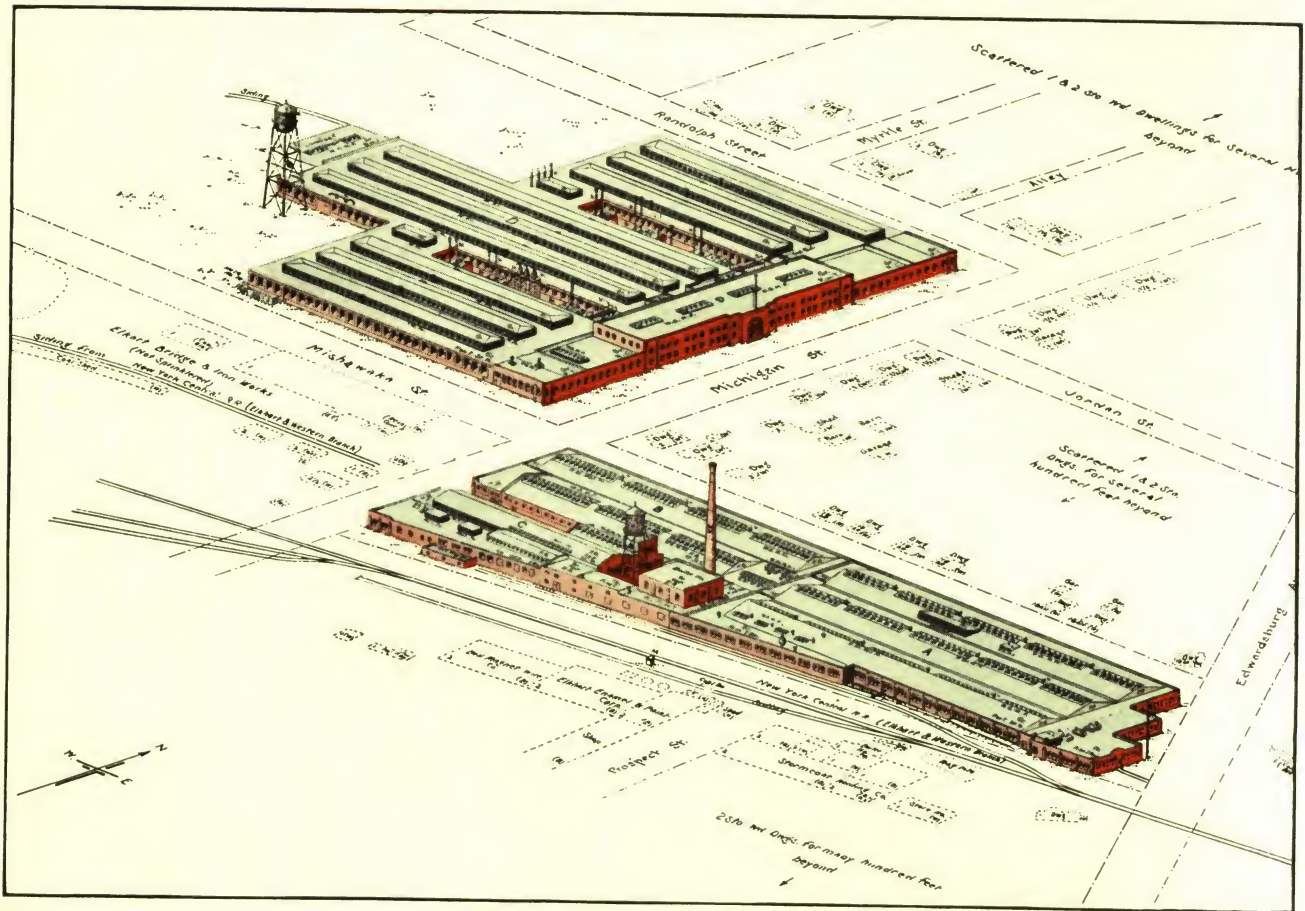
SPECIAL SIZES, TRANSOMS
AND FIXED SASH
FABRICATED TO ORDER



INTERIOR
VIEW OF
SERIES 60
WINDOW.



ADLAKE WINDOWS



for the
**BUILDING
INDUSTRY**

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